

**SHARICE DAVIDS**

**3<sup>RD</sup> DISTRICT, KANSAS**

**COMMITTEE ON TRANSPORTATION AND  
INFRASTRUCTURE**

**COMMITTEE ON SMALL BUSINESS**

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

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July 6, 2021

The Honorable Rosa L. DeLauro  
Chair  
Committee on Appropriations  
U.S. House of Representatives  
H-307, The Capitol  
Washington, DC 20515

The Honorable Kay Granger  
Ranking Member  
Committee on Appropriations  
U.S. House of Representatives  
H-307, The Capitol  
Washington, DC 20515

Dear Chair DeLauro and Ranking Member Granger,

I am requesting funding for the IVIS/Quantum X2 Ultra-High-Resolution Imaging Station project in fiscal year 2022.

The entity to receive funding for this project is the University of Kansas Medical Center, located at 2017 Wahl Hall West, MS 6004, 3901 Rainbow Boulevard, Kansas City, Kansas 66160.

The funding would be used for the purchase of a IVIS/Quantum X2 Ultra-High-Resolution Imaging Station. This equipment will have a direct positive impact not just the constituents in the Kansas 3rd District but to thousands of Kansans (and Missourians) who are battling cancer. The University of Kansas Cancer Center within the University of Kansas Medical Center (KUMC) has an international reputation as a leader in the development of cancer drugs. However, it currently lacks the advanced imaging capabilities provided by the IVIS/Quantum X2 instrumentation, and this cutting-edge technology is absent regionally and rarely available within the mid-west. This facility will fulfill two major functions within The University of Kansas Cancer Center (KUCC): 1) It will strengthen KUCC scientists' research programs and ability to obtain external funding. With leading-edge imaging capabilities, scientists can observe how tumors and their microenvironment respond to drugs, engineered immune cells, and other therapeutic modalities in preclinical animal models, a key step before therapies can be advanced to human patients. This information will be invaluable in guiding and accelerating our drug development activities. 2) This instrument will be of great value outside the Cancer Center since its imaging capabilities can be used for understanding an array of biological and pathological processes such as viral and bacterial infection progression, wound healing, normal and abnormal development, vascular disease, aging, and many others. This instrument will benefit the entire regional scientific community including researchers not only at the University of Kansas Medical Center, but also at the University of Kansas-Lawrence, Kansas State University, Children's Mercy and the Stowers Institute for Medical Research, among others. Ultimately, this instrumentation will serve as a cornerstone in creating a state-of-the-art pre-clinical imaging facility unlike any other in the region and will serve scientists across the state and beyond.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink, appearing to be "SD", with a stylized flourish at the end.

Representative Sharice Davids  
Member of Congress